

ArcGIS Desktop

Supports GIS Professionals



New and Improved

- Analytics & 3D
- Space-Time Modeling
- **Vector Tiles**
- **Image Processing**
- LAS Tools
- Concurrent Pro Licensing
- Metadata

What's Coming

- **Advanced Mapping**
- More 3D and Analytics
- WFS / KML

Providing Advanced Mapping, Visualization, Editing, and Analysis

Road Map Advancing ArcGIS for Desktop

2017

Coming

Geodatabase Topology

Utility Networks



10.4.1 Pro 1.3

10.4 Pro 1.2

New a

- More Analytics & 3D
- Vector Tiles
- Mobile Map Packages
- Better Metadata
- Concurrent Pro Licensing

New Features and Continuous Improvements

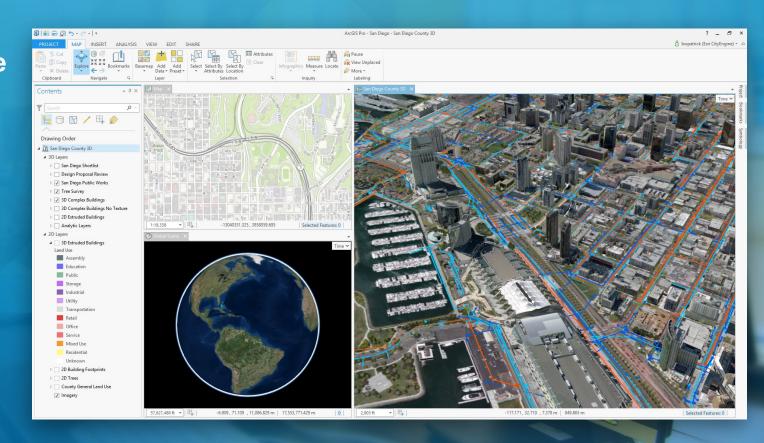
2016

. . . Focused on Quality, User Needs, and Innovation

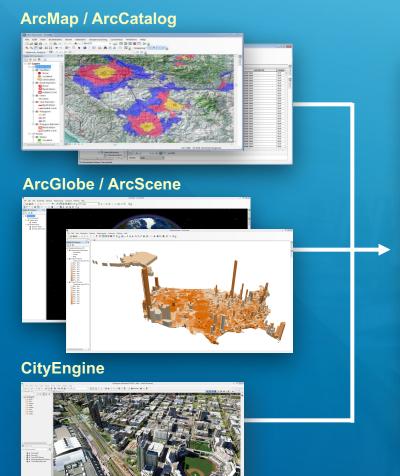
Designer Researcher Cartographer Who is ArcGIS Pro for Geo-Spatial Expert Analyst Image Analyst

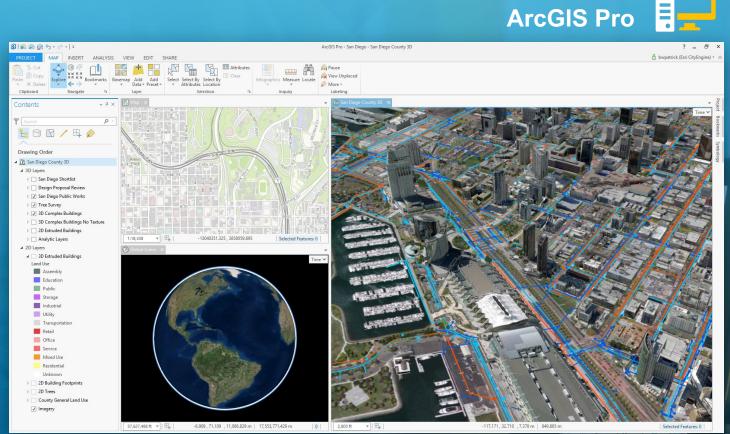
ArcGIS Pro Part of ArcGIS for Desktop

- 64 Bit, multi-threaded
- Simplified user interface
- Integrated with ArcGIS Online
- Combined 2D/3D experience
- Simple search and query
- Enhanced map layout capability



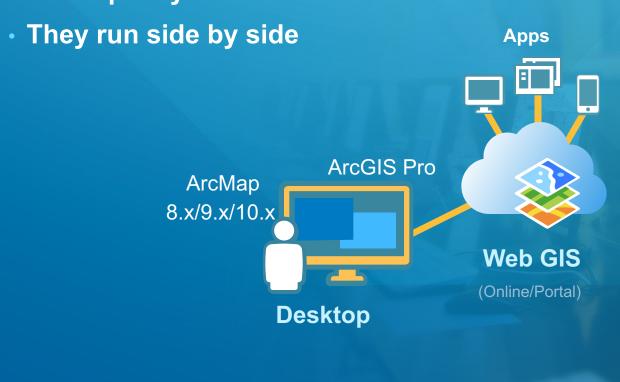
Application Fusion Single, always responsive ap





Is ArcGIS Pro a replacement for A

- It's addition not a replacement
- ArcMap stays and continues!





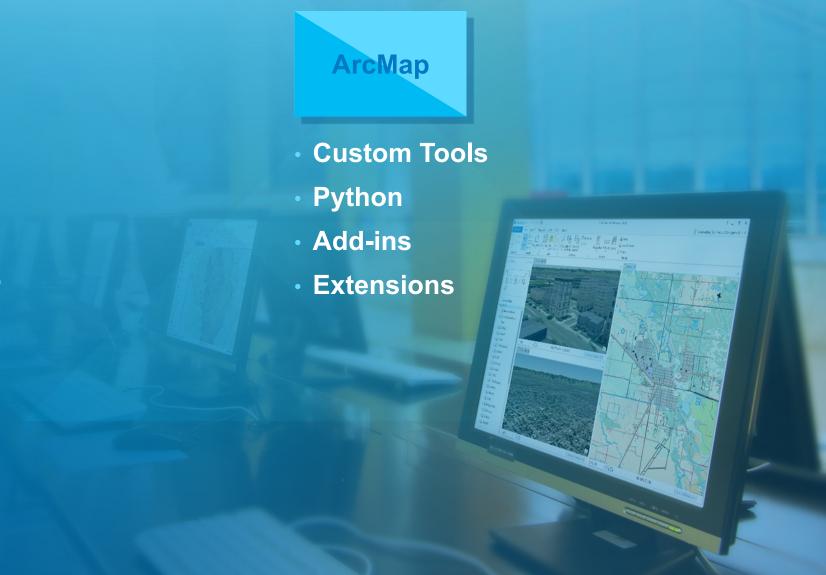
Product Life Cycle ArcGIS for Desktop Support

Version	Release Date	General Availability	Extended Support	Mature Support	Retired
10.4	Q1 2016	ТВО	ТВО	ТВО	2022*
10.3	December 10, 2014	Dec 2014 - Nov 2016	Dec 2016 - Nov 2018	Dec 2018 - Nov 2020	Dec 1, 2020
10.2.2	April 15, 2014	April 2014 – June 2015	July 2015 – June 2017	July 2017 - June 2019	July 1, 2019
10.2.1	Jan 7, 2014	Jan 2014 – June 2015	July 2015 – June 2017	July 2017 - June 2019	July 1, 2019
10.2	July 30, 2013	July 2013 - June 2015	July 2015 – June 2017	July 2017 - June 2019	July 1, 2019
10.1	June 11, 2012	June 2012 - Dec 2013	Jan 2014 - Dec 2015	Jan 2016 - Dec 2017	Jan 1, 2018
10.0	June 30, 2010	June 2010 – June 2012	July 2012 – Dec 2013	Jan 2014 - Dec 2015	Jan 1, 2016

Customization ArcGIS for Desktop 10.4



- Customize Ribbon
- Python
- Tasks
 - Pre-configured steps to automate workflows
- .NET API\SDK
 - Add-ins



Setup Installing and Provisioning ArcGIS Pro



Download and Install



Sign-in and Authorize



Get Updates



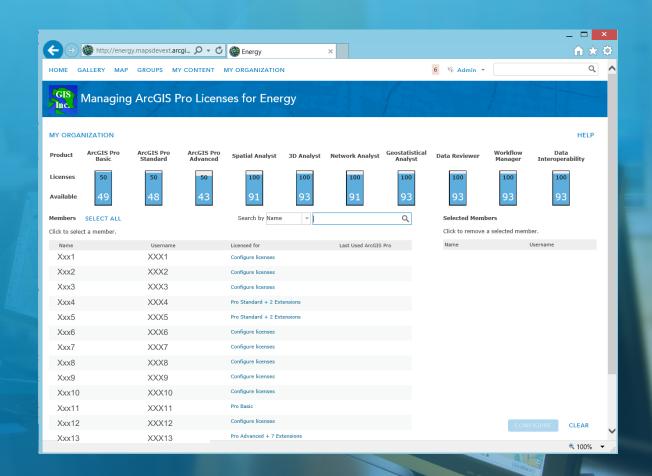
Customize
User
Interface



Set Display Language

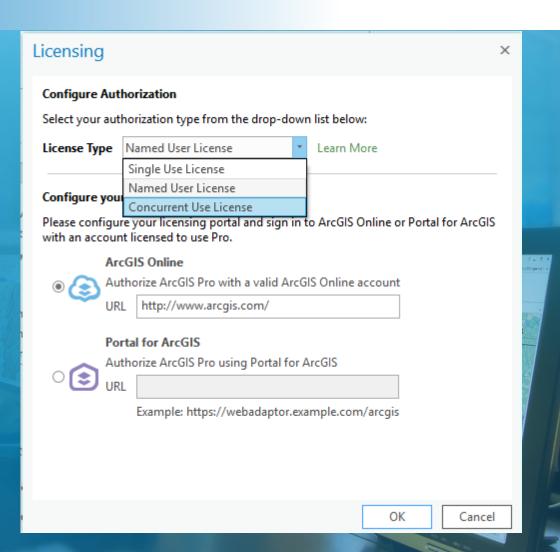
Licensing ArcGIS Pro Licenses Manage with ArcGIS Online or Portal

- Access is controlled by
 - "Named User" entitlement of ArcGIS Pro
 - Online Organization or Portal
- Organization Admin can:
 - Grant access of Pro by Named-User
 - Control product level and extension
 - Re-assign access as needed
- Pro User can:
 - Download and install ArcGIS Pro
 - Sign-in at startup
 - Go offline if needed



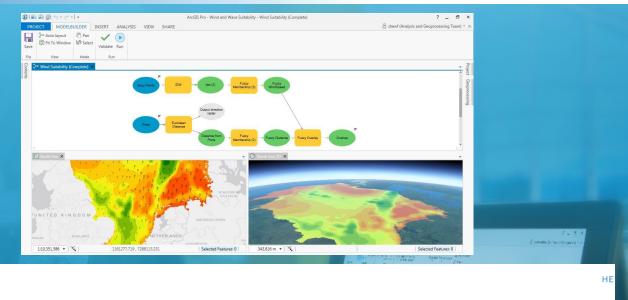
New Licensing options

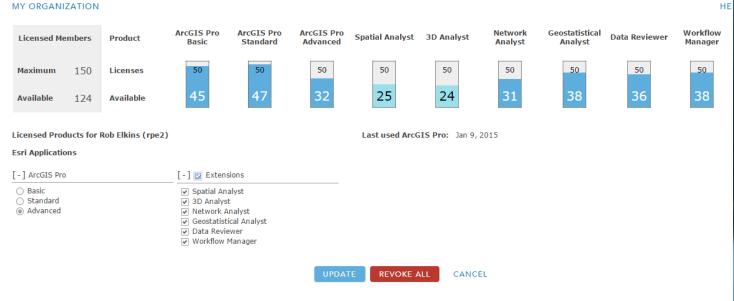
- Concurrent Use
 - Requires a 10.4 license manager
 - Updated license file
- Single Use
 - Locked to a machine



Extensions Add More Capabilities to ArcGIS Pro

- Spatial Analyst
- 3D Analyst
- Network Analyst
- Geostatistical Analyst
- Data Reviewer
- Workflow Manager
- Data Interoperability (1.1)



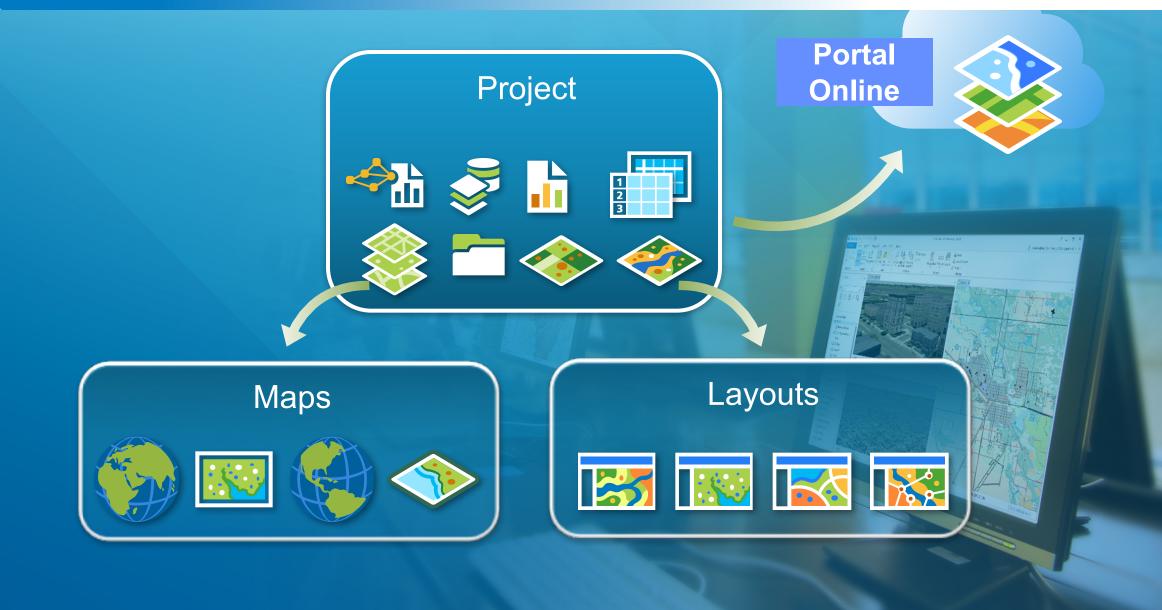


Key Terms

http://pro.arcgis.com/en/pro-app/get-started/arcgis-pro-terminology.htm

ArcGIS Pro	Description or usage	Similar concept in other ArcGIS for Desktop applications	
Project	A collection of related geographic datasets, maps, layouts, tools, settings, and resources, saved in an .aprx file.		
Мар	The project item used to display and work with geographic data in two dimensions. A map opens in a map view.	ArcMap document (.mxd)	
Scene	The project item used to display and work with geographic data in three dimensions. A scene can open as either a global or local perspective. A scene can be converted to a map, and vice versa.	Global scene: ArcGlobe document (.3dd) Local scene: ArcScene document (.sxd)	
Active view	The view that currently has keyboard focus. The active view controls the contents of the ribbon—for example, if a map is the active view, you see commands for working with maps. There is only one active view within the application at any given time.	Active data frame	
View	The window representing the primary work area of the application. You can have multiple views open at the same time and display them side by side.	Similar to a map view or layout view, but there can be other types in ArcGIS Pro.	
Ribbon	The rectangular area across the top of the application composed of tabs that contain software functionality.	User interface menus and toolbars	
Contextual tab	A context-sensitive tab that appears and disappears on the ribbon under certain circumstances.		
Pane	A dockable window that contains a related set of commands.	Dockable window	

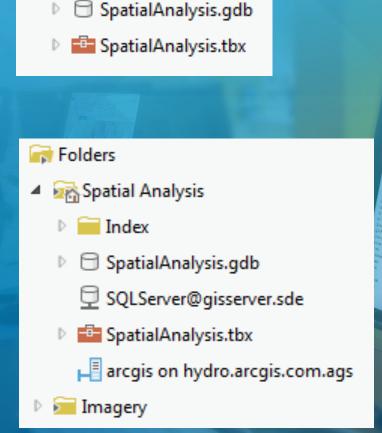
Project > Organizes your work in ArcGIS Pro



Project Management

- Every Project has:
 - Home Folder
 - Default File Geodatabase
 - Default Toolbox

- Can Insert:
 - Folder Connections
 - Database Connections*
 - ArcGIS Server Connections*
 - Locators



Folders

Spatial Analysis

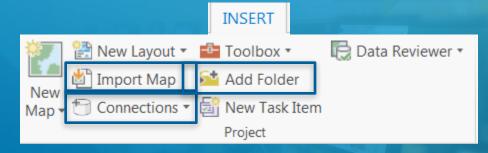
Index

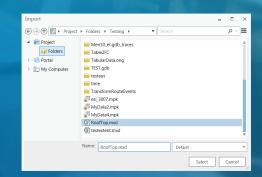
* Connection files stored in Project folder

Migrate your work Arcgis Pro



- Add Maps and Content
- Migrate tools, models, and scripts





Create a new project

Global Scene.aptx

ocal Scene.aptx

Select another project template

Select a project template

Blank

Map.aptx













Summary > ArcGIS for Desktop 10.4

- ArcMap continues and keeps getting better
- ArcGIS Pro is part of Desktop
- ArcGIS Pro Can Run Side-by-Side with ArcMap
 - Separate install
 - Imports MXDs, SXDs, and 3DDs
 - Models and Scripts (Python)
- Basic, Standard, and Advanced Levels
- Familiar Extensions to ArcGIS Pro
 - Spatial Analyst
 - 3D Analyst
 - Network Analyst
 - Geostatistical Analyst

- Data Reviewer
- Workflow Manager
- Data Interoperability



ArcGIS Pro Resources

Terminology Guide

Video Tour



http://pro.arcgis.com/en/pro-app/

ArcGIS Pro Help

Quick-start tutorials

Migrate content

Navigate your data

Symbolize your data

Label your map

Create features on the map

Perform analysis

Add maps to a layout





Getting Started with ArcGIS Pro



http://training.esri.com/gateway/index.cfm?fa=catalog.webCourseDetail&courseid=2889